

**PRODUCTION OF LOW ALPHA-OLEFIN POLYMER**

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**Abstract of JP8301922**

**PURPOSE:** To remove the catalyst components from a liquid reaction product formed in the reaction for forming a low  $\alpha$ -olefin polymer in the presence of a chromium-base catalyst.

**CONSTITUTION:** A reaction for forming a low  $\alpha$ -olefin polymer is performed in a solvent in the presence of a catalyst comprising either a combination essentially consisting of a chromium compound (a), a nitrogenous compound (b) selected from the group consisting of amines, amides and imides and an alkylaluminum compound (c) or a combination containing these components and a halogen compound (d). The formed liquid reaction product is brought into contact with a solid base insoluble therein to remove the catalyst components from the liquid. In this way, the catalyst can be removed at good efficiency by a simple operation.

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